

ABSTRACT

A particular cell of a hybrid time division multiple access/code division multiple access communication system has a base station and a plurality of user requirements. Timeslots having unacceptable interference for the uplink are estimated. Timeslots having unacceptable interference for the downlink are estimated. An availability list is produced. The availability list indicates available uplink and downlink timeslots having acceptable interference levels. Uplink and downlink timeslots are assigned using the availability list.

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